2018-03399

Feature activity 01

```
C:\WINDOWS\system32>docker images
REPOSITORY     TAG          IMAGE ID    CREATED    SIZE
```

```
C:\WINDOWS\system32>docker run -d -p 80:80 docker/getting-started
Unable to find image 'docker/getting-started:latest' locally
latest: Pulling from docker/getting-started
ba3557a56b15: Pull complete
468d8ccebf7a: Pull complete
b7f67c5d6ce9: Pull complete
ed91f01a4fcb: Pull complete
8051568c89ac: Pull complete
5b4dcb4d3646: Pull complete
22ecfaabb4de: Pull complete
bbaa3642d0a3: Pull complete
Digest: sha256:67944b53f8a7d16b3d9909315f9d557ade12c4ee4083cd98068f9fe6d9995808
Status: Downloaded newer image for docker/getting-started:latest
54b4787c9b7b87ad8f39f48d722edce99b4cf6424bd22c83792226cc9b307096

C:\WINDOWS\system32>docker pull ubuntu:16.04
16.04: Pulling from library/ubuntu
80bce60046fa: Pull complete
55a738a15540: Pull complete
e19cf0706c62: Pull complete
de4cdd6c27d1: Pull complete
Digest: sha256:9775877f420d453ef790e6832d77630a49b32a92b7bedf330adf4d8669f6600e
Status: Downloaded newer image for ubuntu:16.04
docker.io/library/ubuntu:16.04

C:\WINDOWS\system32>docker images
REPOSITORY              TAG         IMAGE ID       CREATED        SIZE
ubuntu                  16.04       9ff95a467e45   13 days ago    135MB
docker/getting-started  latest      3ba8f2ff0727   2 months ago   27.9MB

C:\WINDOWS\system32>docker pull ubuntu:16.10
16.10: Pulling from library/ubuntu
dca7be20e546: Pull complete
40bca54f5968: Pull complete
61464f23390e: Pull complete
d99f0bcd5dc8: Pull complete
120db6f90955: Pull complete
Digest: sha256:8dc9652808dc091400d7d5983949043a9f9c7132b15c14814275d25f94bca18a
Status: Downloaded newer image for ubuntu:16.10
docker.io/library/ubuntu:16.10
```

```
C:\WINDOWS\system32>docker rmi 31005225a745
Error: No such image: 31005225a745

C:\WINDOWS\system32>docker images
REPOSITORY              TAG       IMAGE ID       CREATED        SIZE
ubuntu                  16.04     9ff95a467e45   13 days ago    135MB
docker/getting-started  latest    3ba8f2ff0727   2 months ago   27.9MB
ubuntu                  16.10     7d3f705d307c   3 years ago    107MB

C:\WINDOWS\system32>docker rmi 7d3f705d307c
Untagged: ubuntu:16.10
Untagged: ubuntu@sha256:8dc9652808dc091400d7d5983949043a9f9c7132b15c14814275d25f94bca18a
Deleted: sha256:7d3f705d307c7c225398e04d4c4f8512f64eb8a65959a1fb4514dfde18a047e7
Deleted: sha256:d9db289b9342d9617596cd6ee3bba988629e24d9afa5db4e4b0e4e491c65007d
Deleted: sha256:a87725e8597b97f2399bc3aa50b0e2eec903b8ce19055668d3befb012918205c
Deleted: sha256:38cf10a2801529348366953e9b933d3524360dedc91d3e4d5d7f941da0c973c9
Deleted: sha256:61172966249d43026dbd017eec3a9575e37bddf8a269a9f09ecb559d7bfe7fef
Deleted: sha256:57145c01eb80040fdd0a24cde20af4788605b49593188d4f7efab099af89a08e

C:\WINDOWS\system32>docker images
REPOSITORY              TAG       IMAGE ID       CREATED        SIZE
ubuntu                  16.04     9ff95a467e45   13 days ago    135MB
docker/getting-started  latest    3ba8f2ff0727   2 months ago   27.9MB

C:\WINDOWS\system32>docker rmi $(docker images -a -q)
unknown shorthand flag: 'a' in -a
See 'docker rmi --help'.

C:\WINDOWS\system32>
C:\WINDOWS\system32>docker rmi $(docker images -a -q)
unknown shorthand flag: 'a' in -a
See 'docker rmi --help'.

C:\WINDOWS\system32>docker run ubuntu:16.04 /bin/echo 'Hello world!'
'Hello world!'

C:\WINDOWS\system32>docker ps
CONTAINER ID   IMAGE                   COMMAND                 CREATED         STATUS         PORTS                                     NAMES
54b4787c9b7b   docker/getting-started  "/docker-entrypoint.…"  4 minutes ago   Up 4 minutes   0.0.0.0:80->80/tcp, :::80->80/tcp         unruffled_solomon

C:\WINDOWS\system32>docker ps -a
CONTAINER ID   IMAGE                   COMMAND                 CREATED          STATUS                    PORTS                                     NAMES
1bbe17930c28   ubuntu:16.04            "/bin/echo 'Hello wo…"  42 seconds ago   Exited (0) 41 seconds ago                                           vigorous_kare
54b4787c9b7b   docker/getting-started  "/docker-entrypoint.…"  4 minutes ago    Up 4 minutes              0.0.0.0:80->80/tcp, :::80->80/tcp         unruffled_solomon

C:\WINDOWS\system32>docker run ubuntu:16.04 /bin/bash

C:\WINDOWS\system32>docker ps -a
CONTAINER ID   IMAGE                   COMMAND                 CREATED          STATUS                    PORTS                                     NAMES
36bab0365de1   ubuntu:16.04            "/bin/bash"             11 seconds ago   Exited (0) 11 seconds ago                                           sweet_johnson
1bbe17930c28   ubuntu:16.04            "/bin/echo 'Hello wo…"  About a minute ago  Exited (0) About a minute ago                                    vigorous_kare
54b4787c9b7b   docker/getting-started  "/docker-entrypoint.…"  5 minutes ago    Up 5 minutes              0.0.0.0:80->80/tcp, :::80->80/tcp         unruffled_solomon

C:\WINDOWS\system32>docker run -it ubuntu:16.04 /bin/bash
root@d9def8db8b15:/# pwd
/
root@d9def8db8b15:/# ls
bin  boot  dev  etc  home  lib  lib64  media  mnt  opt  proc  root  run  sbin  srv  sys  tmp  usr  var
root@d9def8db8b15:/# exit
exit

C:\WINDOWS\system32>docker run -d ubuntu:16.04 /bin/sleep 3600
212964a90b7879b8402c8efacab9e5ef0687e029917c8d5855b00af8d1ef9fa0

C:\WINDOWS\system32>docker ps
CONTAINER ID   IMAGE                   COMMAND                 CREATED          STATUS         PORTS                                     NAMES
212964a90b78   ubuntu:16.04            "/bin/sleep 3600"       7 seconds ago    Up 6 seconds                                             sleepy_brown
54b4787c9b7b   docker/getting-started  "/docker-entrypoint.…"  6 minutes ago    Up 6 minutes   0.0.0.0:80->80/tcp, :::80->80/tcp         unruffled_solomon

C:\WINDOWS\system32>docker exec -it be7 /bin/bash
Error: No such container: be7

C:\WINDOWS\system32>docker exec -it 21 /bin/bash
root@212964a90b78:/# ps aux
USER         PID %CPU %MEM    VSZ   RSS TTY      STAT START   TIME COMMAND
root           1  0.0  0.0   4372   664 ?        Ss   21:01   0:00 /bin/sleep 3600
root           8  0.1  0.0  18236  3216 pts/0    Ss   21:02   0:00 /bin/bash
root          19  0.0  0.0  34420  2756 pts/0    R+   21:02   0:00 ps aux
root@212964a90b78:/# exit
exit

C:\WINDOWS\system32>docker ps
CONTAINER ID   IMAGE                   COMMAND                 CREATED            STATUS              PORTS                                     NAMES
212964a90b78   ubuntu:16.04            "/bin/sleep 3600"       About a minute ago  Up About a minute                                           sleepy_brown
54b4787c9b7b   docker/getting-started  "/docker-entrypoint.…"  8 minutes ago     Up 8 minutes        0.0.0.0:80->80/tcp, :::80->80/tcp         unruffled_solomon

C:\WINDOWS\system32>docker stop 21
21

C:\WINDOWS\system32>docker ps -a
CONTAINER ID   IMAGE                   COMMAND                 CREATED          STATUS                     PORTS                                     NAMES
212964a90b78   ubuntu:16.04            "/bin/sleep 3600"       2 minutes ago    Exited (137) 6 seconds ago                                           sleepy_brown
d9def8db8b15   ubuntu:16.04            "/bin/bash"             2 minutes ago    Exited (0) 2 minutes ago                                             funny_elgamal
36bab0365de1   ubuntu:16.04            "/bin/bash"             3 minutes ago    Exited (0) 3 minutes ago                                             sweet_johnson
1bbe17930c28   ubuntu:16.04            "/bin/echo 'Hello wo…"  4 minutes ago    Exited (0) 4 minutes ago                                             vigorous_kare
54b4787c9b7b   docker/getting-started  "/docker-entrypoint.…"  8 minutes ago    Up 8 minutes               0.0.0.0:80->80/tcp, :::80->80/tcp         unruffled_solomon

C:\WINDOWS\system32>docker rm 21
21
```